

INSPECTION PROGRAM

Registered Owner:

Bell UH-1H
NX 240GH S/N 66-01126
Yankee Air Force, Inc.
47884 D Street
Belleville, MI 48112-0590
734 483-4040

APPROVAL / ACCEPTANCE OF THE PROGRAM

This program was developed using the guidance provided by FAA Advisory Circular AC 43-209A, page 3, paragraph 5(c), "Recommended Inspection Procedures for Former Military Aircraft", FAA Order 8130.2J, "Airworthiness Certification of Products and Articles", and Advisory Circular AC 43.13-1B/2B, Change 1, "Acceptable Methods, Techniques, and Practices of Aircraft Inspection and Repair".

It was also written to follow all applicable regulations listed in Title 14, Code of Federal Regulations (CFR).

APPROVED - FAA East Michigan FSDO

(DATE)

(Signature)

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TABLE OF CONTENTS

<u>Title</u>	<u>Page</u>
Approval / Acceptance of the Program	1
Table of Contents / List of Effective Pages	2
Log / Record of Revisions	3
Inspection Program Description / Return to Service / Frequency	4
Continued AW / Record / Changes / Ownership	5
Mechanic / Scheduling / Special / ADs / Safety of Flight	6
Life Limited Comp / Supplemental / Safety / Aging	7
Critical / Recording / Safety and Risk / Emergency Equipment	8
Definitions and Acronyms	9

LIST OF EFFECTIVE PAGES

<u>Page</u>	<u>Page</u>	<u>Date</u>
Original (Revision 0)		October 3, 2019
Approval	1	October 3, 2019
Table of Contents / List of Effective Pages	2	October 3, 2019
Log / Record of Revisions	3	October 3, 2019
Inspection Program Description	4	October 3, 2019
Continued AW	5	October 3, 2019
Mechanic	6	October 3, 2019
Life Limited Components	7	October 3, 2019
Critical	8	October 3, 2019
Definitions and Acronyms	9	October 3, 2019

APPROVED FAA East Michigan FSDO

APPROVED
By Eric Haft at 9:40 am, Oct 08, 2019

ERIC SCOTT HAFT
HAF
Date: 2019.10.08 09:42:12 -0400

(DATE)

(SIGNATURE)

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Yankee Air Force, Inc.
47884 D. Street
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LOG / RECORD OF REVISIONS

<u>Page</u>	<u>Revision</u>	<u>Date</u>
Original	0	January 24, 2019
Revision 1	1	January 28, 2019
Revision 2	2	October 3, 2019
Revision 3	3	

APPROVED - FAA East Michigan FSDO
APPROVED By Eric Haft at 9:41 am, Oct 08, 2019
(DATE)

ERIC SCOTT HAFT
HAF
Digitally signed by ERIC SCOTT
Date: 2019.10.08 09:42:38 -04'00'
(SIGNATURE)

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1. INSPECTION PROGRAM DESCRIPTION

This inspection program is derived from the U.S. Army Technical Manual TM 55-1520-210-23&P series as listed and is designed to meet the continued airworthiness of the Bell Helicopter, Model UH-1H "Huey" aircraft. All work outlined in the program will be accomplished in the accordance to the manuals listed within this document as required by Title 14, CFR Part 91.409(e), and in accordance with Title 14, CFR Part 43.15(a)(b).

2. RECORD ENTRY STATEMENT FOR RETURN TO SERVICE

Maintenance record entry statements and inspection records for Return to Service shall at a minimum include the following:

- a. Date of inspection,
- b. Signature with certificate number of the person performing the inspection,
- c. Type of inspection, and
- d. Total time of the component being inspected expressed in cycles, calendar time, hours, or any combination of these.

3. PROGRAM FREQUENCY

An inspection of this aircraft shall be performed at least annually using the information provided in Title 14 CFR Part 43, Appendix D, and TM 55-1520-210-23&P, to include:

- a) Preventive Maintenance Daily Inspection (TM 55-1520-210-PMD)
- b) All required calendar month / phase inspection items
- c) Those additional items as may be required by Title 14 CFR Part 43, Appendix D.

INSPECTION PROGRAM

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4. AIRCRAFT CONTINUED AIRWORTHINESS

All inspections shall be performed in accordance with the procedures listed in the U.S. Army Technical Manual TM 55-1520-210-23&P, to ensure that the aircraft is maintained in an airworthy condition. Reference TM 55-1520-210-PMD for Preventive Maintenance Daily Inspection Checklist and the inspection of emergency equipment, TM 55-1520-210-PMI for Phase Maintenance Checklists, and TM 55-2840-229-23 (series) for engine maintenance.

This Inspection Program shall be followed by the mechanics performing the inspection, with exception to combat ready requirements that have no effect on safety of flight. Any other deviations shall be approved by the Flights Standards District Office (FSDO) having jurisdiction.

5. INSPECTION RECORD

Aircraft records shall meet the requirement of Title 14 CFR Part 91.417(a), and shall be retained in accordance with Title 14 CFR Part 91.417(b).

6. INSPECTION PROGRAM REVISION / DEVIATIONS / CHANGES / OR UPDATES

Changes to any page or part of this Inspection Program must be approved by the Flight Standards District Office (FSDO) having jurisdiction of the area where the aircraft is to be based. These changes must be approved prior to their incorporation into the Inspection Program. The first submitted and subsequent changes will incorporate a List of Effective Pages and revision instructions.

7. CHANGE OF OWNERSHIP

A change in ownership will require the owner of the aircraft to provide the FSDO having jurisdiction over the area where the aircraft is based a copy of this Inspection Program.

INSPECTION PROGRAM

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8. CHANGE OF SCHEDULING MECHANIC

A change of the person responsible for scheduling the Inspection Program listed in item number 9, will require written notice to be provided to the presiding FSDO.

9. INSPECTION SCHEDULING

The following person shall be responsible for the scheduling and performance of the inspections required:

Paul Hakala A&P 3188688
47884 D Street
Belleville, MI 48112-0590
734 483-4030

10. SPECIAL INSPECTIONS

Special Inspections such as lightning strikes, hard landings, etc are listed in the aircraft Maintenance Manual TM 55-1520-210-23-1, Chapter 1, Section IV under "Inspection Requirements". Special Inspections for the engine are listed in TM 55-2840-229-23-1, Chapter 1, Section V under "Preventative Maintenance Inspections".

11. AIRWORTHINESS DIRECTIVES

Airworthiness Directives, as they apply to the airframe, engine, components, or appliances shall be complied with as directed.

12. SAFETY OF FLIGHT

Discrepancies affecting the airworthiness and / or safety of flight issues of this aircraft shall be corrected before further flight.

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13. LIFE LIMITED COMPONENTS

This aircraft contains items that have a mandatory removal / replacement interval and shall be removed and replaced with serviceable items at the specified interval. Reference TM 55-1520-210-23-1, Chapter 1, Section V "Overhaul and Retirement Schedule" for the airframe, and TM 55-2840-229-23-2, Appendix G, "Torque and Dimensional Limits, Overhaul and Retirement Schedule" for the engine.

With exception to items that are combat ready requirements that have no effect on safety of flight, the operating time specified for removal, condemnation, and / or overhaul for any given basic part number contained in this component removal / replacement schedule applies to all successive dash numbers for that item unless otherwise specified.

14. SUPPLEMENTAL TECHNICAL PUBLICATIONS

The primary maintenance manual for the aircraft, TM 55-1520-210-23&P, also contains a section devoted to Avionics, therefore, no separate avionics manuals are listed. All manuals listed shall be available for reference as required.

15. SAFETY

Information necessary for the safe operation and maintenance of this aircraft are contained in TM 55-1520-210-10, (Operator's Manual) and TM 55-1520-210-23&P (Bell UH-1H Maintenance Manual and Parts Manual) series.

16. AGING, CORROSION CONTROL, AND PRESERVATION

Information necessary for addressing aging, corrosion control and preservation are contained in TM 55-1520-210-23-3, Appendix E "Storage of Aircraft" for the airframe, and TM 55-2840-229-23-2, Appendix H, under "General Maintenance Procedures" for the engine.

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17. CRITICAL AND LIFE LIMITED COMPONENTS

A list of critical and life limited components are contained in TM 55-1520-210-23-1, Chapter 1, Section V "Overhaul and Retirement Schedule" for the airframe, and TM 55-2840-229-23-2, Appendix G, "Torque and Dimensional Limits, Overhaul and Retirement Schedule" for the engine.

18. RECORDING OF AIRCRAFT TIMES AND CYCLES

The pilot is responsible for recording hours on the aircraft manually, and these hours are recorded on a Company Flight Log for each aircraft. The engine is equipped with an AKV cycle counter that records starts and operating hours.

19. SAFETY AND RISK MITIGATION

Servicing, parking, mooring and refueling procedures are outlined in TM 55-1520-210-10, and procedures for handling of the fire extinguishing are included in the TM 55-1520-210-23&P and TM 55-1520-210-PMD manuals.

20. AIRCRAFT EMERGENCY EQUIPMENT

The inspection of aircraft emergency equipment is addressed in the Preventive Maintenance Daily (PMD) Services and Daily Inspection Checklist, TM 55-1520-210-PMD. It is also listed in TM 55-1520-210-23-2, Chapter 17, under "Emergency Equipment".

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DEFINITIONS AND ACRONYMS

-23&P	Maintenance Manual and Parts Manual
AC	Advisory Circular
AD	Airworthiness Directive
A&P	Airframe and Powerplant (Mechanic)
APU	Auxiliary Power Unit
CFR	Code of Federal Regulations
FAA	Federal Aviation Administration
FSDO	Flight Standards District Office
IETM	Interactive Electronic Technical Manual
NWH	Northwest Helicopters
PMD	Preventive Maintenance Daily
PMI	Phased Maintenance Inspection
TM	Technical Manual